

Foreword

The Eighth Symposium on Polar Meteorology and Glaciology sponsored by the National Institute of Polar Research was held on 11–12 December 1985. The symposium reported on continuing efforts of Japanese polar meteorologists, glaciologists and physical oceanographers. The research areas covered by this symposium were: atmospheric constituents and aerosols, radiations, sea ice and physical oceanography, atmospheric circulation and climate, ice sheet and snow cover, snow crystals, atmospheric boundary layer and instrumentation. The main topics of the symposium reflect the outcome of major research programs of the East Queen Maud Land Glaciological Project (EQGP) in 1982–1987 and the Middle Atmosphere Program (MAP) in 1982–1985 and the Polex South in 1979–1981.

A total of 61 papers were presented at the symposium and the present volume contains 12 full-length papers and 29 abstracts which will be published in appropriate journals; full-length papers are arranged in the order of scientific areas of meteorology, glaciology and physical oceanography.

It is hoped that this volume will contribute to the progress of research on the polar atmosphere, cryosphere and hydrosphere. Our sincere thanks are due to all of the contributors and referees who have readily cooperated to bring about this proceedings. Lastly, we wish to thank the publication officers at the Library of the Institute for their devoted assistance.

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